

**Nevada Field Office  
Environmental Management Activities  
Monthly Report to the NSSAB  
September 2016**

**Waste Disposal and Transportation**

- Low-Level and Mixed Low-Level Waste (LLW/MLLW) Transportation Routing Quarterly Report for 3<sup>rd</sup> Quarter, April – June 2016 available online:  
<http://nsss.gov/pages/programs/RWM/Reports.html>
- Update from previous months' reports – Idaho Falls, ID, generator: The facility evaluation resulted in two Findings that were both closed by the Radioactive Waste Acceptance Program (RWAP) in late July 2016. (please see May – August 2016 NSSAB Monthly Reports for more information)
- Update from previous months' reports - Paducah, KY, generator: The facility evaluation resulted in no Findings and four Observations. Two of the Observations were closed during the facility evaluation and required no further action. RWAP closed the remaining two Observations in August 2016. The generator has received approval by the Nevada Field Office to ship LLW to the Nevada National Security Site (NNSS). (please see June - August 2016 NSSAB Monthly Reports for more information)
- Update from previous months' report – Erwin, TN, generator: RWAP issued one Finding. In August 2016, the waste in question was returned to the generator to be analyzed. The waste generator's program remains suspended; therefore they cannot ship LLW to the NNSS. (please see July - August 2016 NSSAB Monthly Reports for more information)
- Update from previous months' report – Portsmouth, OH, generator: The facility evaluation resulted in one Finding that was closed in August 2016. (please see July – August 2016 NSSAB Monthly Reports for more information)
- Update from previous months' report – Portsmouth, OH, generator (second generator): The facility evaluation resulted in one Finding. There has been no change in status. (please see July – August 2016 NSSAB Monthly Reports for more information)
- Update from previous month's report – Argonne, IL, generator: The facility evaluation resulted in one Finding. There has been no change in status. (please see August 2016 NSSAB Monthly Report for more information)
- Update from previous month's report – Aberdeen, MD, generator: The facility evaluation resulted in two Findings. There has been no change in status. (please see August 2016 NSSAB Monthly Report for more information)

- In August 2016, RWAP conducted the following facility evaluations:
  - Los Alamos, NM, generator: The facility evaluation resulted in one Finding. The generator has 30 days to respond after receiving the final RWAP report.
  - Oak Ridge, TN, waste processing center: The facility evaluation resulted in one Finding. The waste processing center has 30 days to respond after receiving the final RWAP report.
  - Oak Ridge, TN, generator: The facility evaluation resulted in no Findings.
- In September 2016, RWAP will conduct three facility evaluations.
- In September 2016, approximately 168,000 cubic feet of LLW and mixed LLW is forecasted for disposal at the NNSS.

## **Underground Test Area (UGTA)**

### ***Corrective Action Unit (CAU) 97, Yucca Flat***

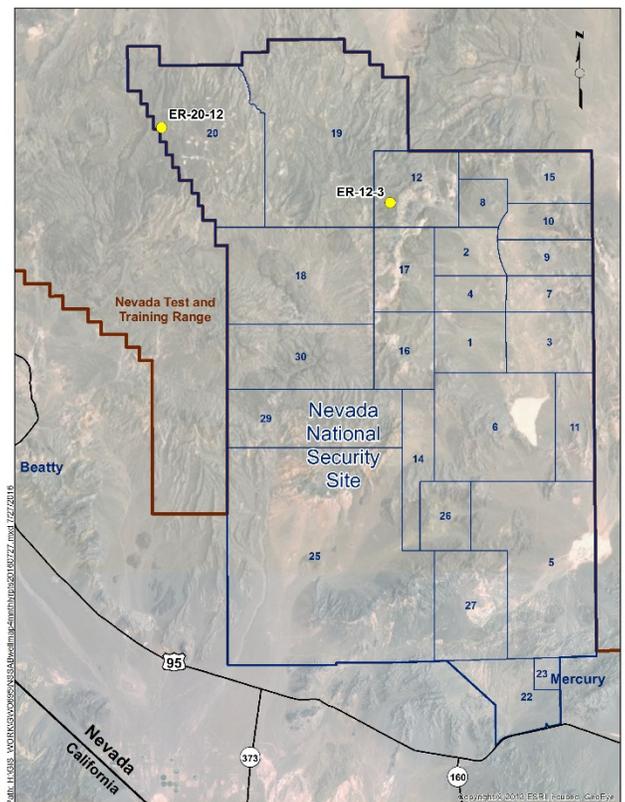
In August 2016, preparation of comment responses to the Yucca Flat Peer Review comments continued and will be completed in September 2016.

### ***CAU 99, Rainier Mesa/Shoshone Mountain***

In August 2016, the modeling team presented the status of the modeling activities to the Nevada Field Office and the State of Nevada Division of Environmental Protection (NDEP). Mobilization to Well ER-12-3 occurred in August 2016; pumping and sampling will be conducted in September 2016.

### ***CAUs 101/102, Pahute Mesa***

Analysis of data from Well ER-20-12 was conducted in August 2016 and will continue through October 2016. In August 2016, well development, testing and sampling at Well ER-20-12 was conducted.



## **Soils and Industrial Sites**

### ***Non-Resource Conservation and Recovery Act (RCRA) Post-Closure Monitoring Sites***

The Non-RCRA Post-Closure Monitoring Sites include Corrective Action Sites (CASs) where post-closure inspections and maintenance are performed in accordance with closure requirements. Required repairs and maintenance identified in the annual inspections will be performed throughout fiscal year 2016.

### ***RCRA Post-Closure Monitoring Sites***

The RCRA Post-Closure Monitoring Sites include six CAUs where post-closure inspections, monitoring, and maintenance are performed in accordance with the RCRA Permit and closure requirements. In August 2016, maintenance identified during the quarterly/semi-annual inspections was conducted and will continue in September 2016.

#### ***CAU 412, Clean Slate I Plutonium Dispersion***

CAU 412 comprises one CAS on the Nevada Test and Training Range. Preparation of the Closure Report for CAU 412 continued in August 2016; the Closure Report will be submitted to NDEP in September 2016.

#### ***CAU 413, Clean Slate II Plutonium Dispersion***

CAU 413 comprises one CAS on the Nevada Test and Training Range. Preparation of the Corrective Action Decision Document (CADD) continued in August 2016 with a Corrective Action Alternatives meeting conducted with the US Air Force and NDEP. Preparation of the CADD will continue in September 2016.

#### ***CAU 414, Clean Slate III Plutonium Dispersion***

CAU 414 comprises one CAS on the Nevada Test and Training Range. In August 2016, preparation of the Corrective Action Investigation Plan (CAIP) continued. The CAIP is due to NDEP in April 2017.

#### ***CAU 415, Project 57 No. 1 Plutonium Dispersion***

CAU 415 comprises one CAS related to historical nuclear testing. In May 2014, the Streamlined Approach for Environmental Restoration Plan for CAU 415 was approved by NDEP; planning for corrective actions continued in August 2016.

#### ***CAU 541, Small Boy***

CAU 541 comprises two CASs related to historical nuclear testing. The CADD/Closure Report was submitted to NDEP in August 2016; a response is expected in September 2016

#### ***CAU 568, Area 3 Plutonium Dispersion Sites***

CAU 568 comprises six CASs related to historical nuclear testing. Closure field work commenced in August 2016 and corrective actions will continue in September 2016.

#### ***CAU 573, Alpha Contaminated Sites***

CAU 573 comprises two CASs related to historical nuclear testing. Closure field work was conducted in August 2016 and will be completed in September 2016.

#### ***CAU 575, Area 15 Miscellaneous Sites***

CAU 575 comprises four CASs related to historical nuclear testing. In August 2016, development of the Closure Report continued and will continue in September 2016.

#### ***CAU 576, Miscellaneous Radiological Sites and Debris***

CAU 576 comprises six CASs related to historical nuclear testing. In August 2016, development of the CAIP continued and will continue in September 2016.

## **Public Involvement:**

- Outreach:
  - Distributed 184 Operation Clean Desert activity books, 17 Operation Clean Desert teacher's guides, 19 Operation Clean Desert CDs
  - Participated in Clark County School District New Teacher and Substitute Teacher Onboarding events – August 17-18, 2016
  - Hosted LLW Stakeholder Forum in Pahrump, NV. – August 11, 2016
- NSSAB:
  - NSSAB member participated in the LLW Stakeholder Forum in Pahrump, NV. – August 11, 2016
  - DOE/Nevada Field Office and NSSAB hosted the biannual EM SSAB National Chairs' Meeting in Las Vegas – August 30 – September 1, 2016
- Publications:
  - Ongoing social media campaign – 20 original posts on Facebook, 18 original tweets on Twitter
- Ongoing exhibits:
  - *Operation Clean Desert* – Nevada Public Reading Room in Las Vegas, Amargosa Valley Library, Goldfield Library, Central Nevada Museum in Tonopah, Nevada, and Pahrump Valley Museum in Pahrump, Nevada
  - Environmental Management kiosk – located at Central Nevada Museum in Tonopah, Nevada
- Planned activities for September 2016:
  - NSSAB member to attend the RadWaste Summit in Las Vegas, Nevada – September 7 – 9, 2016
  - Quarterly meeting with EM Senior Management, NDEP, and NSSAB Chair and Vice-Chair – September 8, 2016
  - Nevada Field Office to conduct an intergovernmental meeting with NSSAB Liaisons in Las Vegas, NV – September 21, 2016
  - NSSAB to host a Full Board Meeting in Las Vegas, Nevada – September 21, 2016
  - Connecting Hands: Offering Lifelong Learning Adventures (CHOLLA) educational group meeting – September 21, 2016
  - Deliver Operation Clean Desert activity books and teacher's guides to Swainston Middle School in Las Vegas, NV